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## **ETAS Crime Forecast**

Crime forecast using the Epidemic Type Aftershock Sequence (ETAS) point process model of crime detailed here

Paste the latitudes, longitudes, times (in units of days, ascending), and type (0 for vehicle, 1 for residential)

of crime event data up to today in the boxes below.

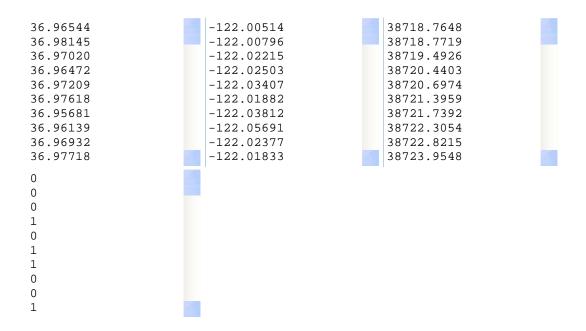
The estimated ten highest risk areas for tomorrow are then shown on the google map.

## In the info window:

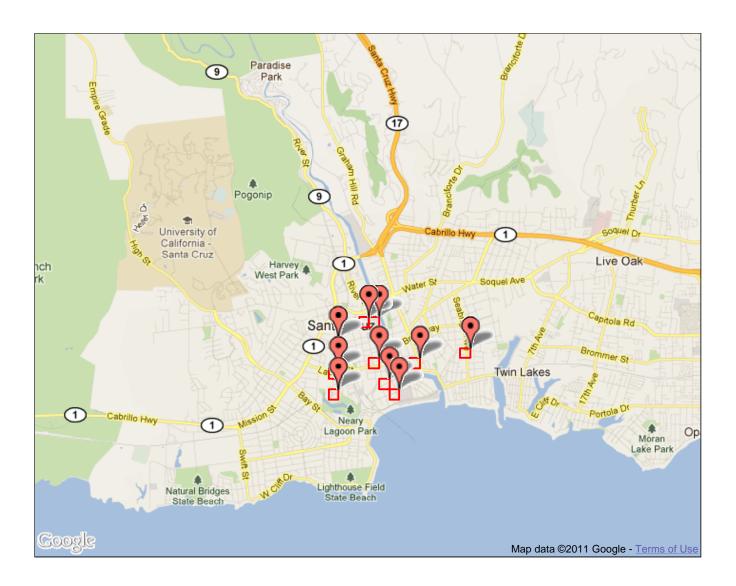
P is the probability of at least one crime in a flagged cell tomorrow.

Pveh and Pres are the conditional probabilities of a vehicle or residential crime, given that a crime occurs.

TW gives the start times (24-hour clock) of the two highest risk 1-hour time windows.



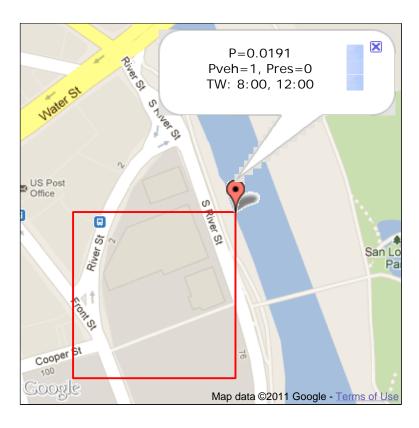
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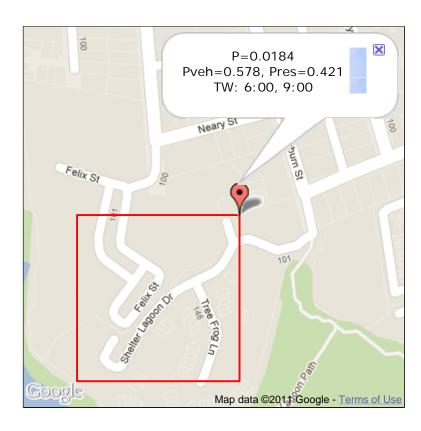
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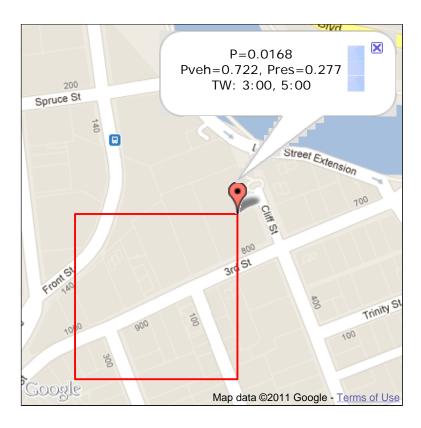
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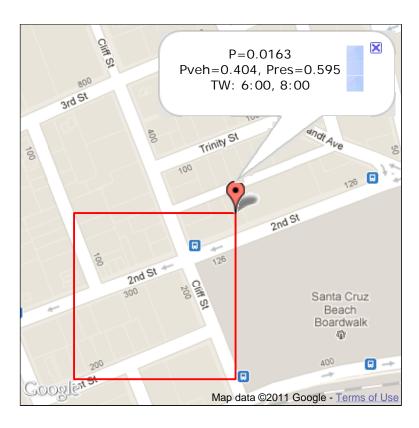
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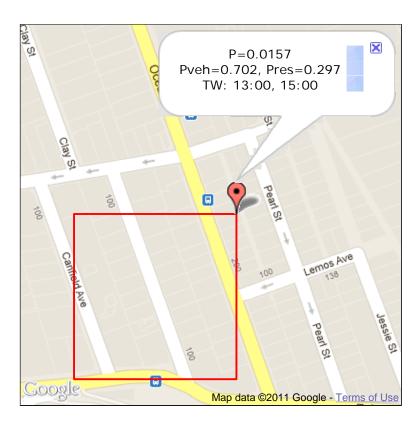
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